

09/979564

JC10.000 PCT/PTO 1 4 NOV 2001

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hans BLOECHER

Appln. No.:

Filed: November 14, 2001

For: DEVICE AND PROCESS FOR AN ANTENNA
ARRAY WITH SWITCHABLE WIDE ANGLE CHARACTERISTIC

Attorney Docket No.: 3926.033

#3
S-9-02
DRS
PreA

PRELIMINARY AMENDMENT

Box: PCT
Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application,
please amend the application as follows:

IN THE CLAIMS (CLEAN VERSION):

✓ Please cancel original Claims 1-10; please add the following
new Claims 11-20:

- Sub. Cl. A1
11. An antenna array comprised of individual antennas for increasing the directional resolution and angular coverage, in the sense of monopulse-antenna, of which the total antenna mean radiation pattern or directional characteristic is characterized by a sum diagram and a differential diagram,

wherein the individual antennas are connected via a network of phase-shifters or hybrid junctions,